Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 12 Jul 2023 until 23:59 on Thursday 13 Jul 2023

Forecast Issued on Wednesday 12 Jul 2023 at 02:38

Confidence: High confidence for changeable theme, with Thursday probably seeing finest weather. Low confidence for possibly unseasonable period of rain, showers and strong winds Friday into Saturday.

Headline for Wednesday 12 Jul 2023: On the cloudy side, with occasional rain. Brightening up but becoming more showery later, with some heavier downpours possible.

Mountain weather hazards on Wednesday 12 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Light rain	Light rain showers	Heavy rain showers	Cloudy	Partly cloudy (night)
Precipitation probability					
20%	50%	40%	40%	30%	20%

Forecast for Wednesday 12 Jul 2023

Weather: A dry start although the cloud will rapidly thicken, with showery rain pushing in from the west during the early morning. Conditions will become somewhat drier and brighter later but it'll remain breezy and accompanied by scattered showers. Some of these may become heavy and thundery during the afternoon. Showers fading through the evening with clear spells developing into the night.

Chance of cloud-free hill tops above 600m: 20% becoming 90%.

Low cloud and visibility: Visibility poor at height initially, with broken cloud as low as 400m first thing. This lifting and breaking to largely above summits by the afternoon, though the odd patch may drop to 700m in any heavier shower. Generally good visibilities in the afternoon but turning poor in any heavy downpours or thunderstorms.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 12 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/30 SW	21/28 SW	21/28 W	21/29 W	19/26 W	17/24 W	19/26 SW
300	16/23 SW	17/24 SW	16/24 W	17/25 W	14/21 W	12/19 SW	13/20 SW
Valley	10/22 SW	12/23 SW	13/26 W	15/29 W	11/21 W	7/17 SW	8/18 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/6	12/8	12/8	12/8	11/8	10/6
300	11/8	13/10	15/12	14/12	15/12	13/11	12/10
Valley	12/10	14/12	16/13	16/13	15/13	14/12	12/11
Freezing Level*	2200m	2000m	2200m	2300m	2200m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although winds will generally be west or southwesterly, some variability in strength and direction shown is likely given the presence of showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 12 Jul 2023	11mm	11.4mm	20mm

Forecast for Thursday 13 Jul 2023

Weather: A small chance of a few further showers in northwestern exposure early on, otherwise an improved day on midweek, with more in the way of sunshine and shallower, more broken cloud. The sunshine may turn hazier later under advancing high cloud, although the mainly dry theme still applies. Eventually warm in the sunshine, although tempered a little by the breeze.

Maximum wind: West or southwesterly 20mph with gusts 30mph.

Chance of cloud-free hill tops above 600m: 60 improving 90%

Low cloud and visibility: Early broken low cloud around the highest ground, soon lifting clear and developing breaks.

Temperature: **Valleys:** Plus 11 becoming plus 21 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.

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